

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Olivier A. Furon, et al

METHOD AND CAMERA FOR  
IMAGE ENHANCEMENT

Serial No. To Be Assigned

Filed Herewith

Group Art Unit: To Be Assigned

Examiner: Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT FOR CONSIDERATION**  
**BY THE OFFICE UNDER 37 C.F.R. 1.97-1.99**

Enclosed herewith are patents and/or publications for consideration by the Patent and Trademark Office in regard to the invention claimed in the above-described application. In compliance with §1.56, such documents are listed in the enclosed Form EKC-1449.

Applicants request that the Patent and Trademark Office make of record the above-identified documents. A full text copy of each document is attached, except for copies of U.S. patents and U.S. patent application publications. For documents not in English, an English translation or an equivalent English language patent or publication may be attached. Where a translation is not available, a concise explanation of the relevance of each document not in English is included either here or in the specification.

This Information Disclosure Statement (hereinafter "Statement") is submitted according to the following selected paragraph:

- I. ☒ This Statement is being filed under §1.97(b) within three months of the filing date of the application (other than a CPA), or before the mailing of a first Office action on the merits or before the mailing of a first Office action after the filing of a request for continued examination.
- II. ☐ This Statement is being filed under §1.97(c), with fee, **prior** to the mailing date of any of a final action, a notice of allowance or an action that otherwise closes prosecution in the application. Please charge the fee required by §1.17(p) to Eastman Kodak Company Deposit Account 05-0225. A duplicate copy of this Certification is enclosed.

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- ☐ each item of information contained in this Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement.
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- ☐ no item of information in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification under §1.97(e) after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this Statement.

Respectfully submitted,



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Enclosures

If the Examiner is unable to reach the Applicant(s) Attorney at the telephone number provided, the Examiner is requested to communicate with Eastman Kodak Company Patent Operations at (585) 477-4656.

|   |  |   |                                     |
|---|--|---|-------------------------------------|
| <b>FORM EKC-1449</b><br><br>If AFTER the later date of the first Office Action or 3 months from filing, use only with Rule 97(E) Certificate or Fee<br><br><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b><br><i>(Use several sheets if necessary)</i> |  | Atty. Docket No.<br><b>86854WRZ</b><br>Customer No. 01333 | Serial No.<br><b>To Be Assigned</b> |
|   |  | Applicant:<br><b>Olivier A. Furon, et al</b>              |                                     |
|   |  | Filing Date<br><b>Herewith</b>                            | Group<br><b>To Be Assigned</b>      |

| U.S. PATENT DOCUMENTS |                 |            |             |       |          |                               |
|-----------------------|-----------------|------------|-------------|-------|----------|-------------------------------|
| Examiner<br>Initial*  | DOCUMENT NUMBER | DATE       | NAME        | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|                       | 2001/0024236    | 09-27-2001 | Sato et al. |       |          |                               |
|                       | 2002/101619     | 08-01-2002 | Tsubaki     |       |          |                               |

| FOREIGN PATENT DOCUMENTS |                 |            |         |       |          |             |    |
|--------------------------|-----------------|------------|---------|-------|----------|-------------|----|
| Examiner<br>Initial*     | DOCUMENT NUMBER | DATE       | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|                          |                 |            |         |       |          | YES         | NO |
|                          | 2 347 834       | 09-13-2001 | GB      |       |          |             | X  |
|                          | 1 182 862       | 02-27-2002 | EP      |       |          |             |    |
|                          | 1 087 307       | 03-28-2001 | EP      |       |          |             |    |
|                          | 2 831 694       | 05-02-2003 | FR      |       |          |             | X  |

|  |
|--|
| <b>OTHER ART</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i> |
|--|

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/013404

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N1/32

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPC-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.     |
|------------|---|---------------------------|
| X          | GB 2 347 834 A (IBM)<br>13 September 2000 (2000-09-13)  | 1,2,<br>6-15,17,<br>19,20 |
| Y          | abstract<br><br>page 1, line 24 - line 40<br>page 2, line 7 - line 38<br>page 3, line 5 - line 26<br>page 6, line 23 - line 35<br>page 7, line 5 - line 26<br>page 7, line 43 - line 46<br>page 8, line 21 - line 43<br>page 9, line 38 - page 10, line 7<br>page 10, line 9 - line 13<br>-----<br>-/-- | 3-5,16,<br>18             |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

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\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*&\* document member of the same patent family

Date of the actual completion of the international search

8 February 2005

Date of mailing of the international search report

15/02/2005

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/013404

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| Y          | US 2001/024236 A1 (SATO TSUNEO ET AL)<br>27 September 2001 (2001-09-27)<br>abstract<br>figure 9<br>paragraph '0002!<br>paragraphs '0008!, '0009!<br>paragraphs '0037! - '0040!<br>paragraphs '0042! - '0045!<br>----- | 3-5, 16,<br>18        |
| A          | EP 1 182 862 A (DAINIPPON PRINTING CO LTD)<br>27 February 2002 (2002-02-27)<br>claim 1<br>paragraphs '0111!, '0112!<br>-----  | 10, 11                |
| A          | US 2002/101619 A1 (TSUBAKI HISAYOSHI ET AL)<br>1 August 2002 (2002-08-01)<br>abstract<br>figures 1, 9, 21<br>paragraph '0085!<br>paragraph '0189!<br>claims 1, 4<br>-----   | 1-5,<br>13-17         |
| A          | EP 1 087 307 A (CANON KK)<br>28 March 2001 (2001-03-28)<br>abstract<br>figures 10-12<br>-----   | 6, 12, 13             |
| A          | FR 2 831 694 A (AUGIER SVEN DOMINIQUE)<br>2 May 2003 (2003-05-02)<br>abstract<br>-----  | 1-5                   |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013404

| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s)   | Publication<br>date                                  |
|---|----|---------------------|--|--|
| GB 2347834                                | A  | 13-09-2000          | CN 1262486 A , C<br>JP 2000339248 A<br>TW 454123 B                     | 09-08-2000<br>08-12-2000<br>11-09-2001               |
| US 2001024236                             | A1 | 27-09-2001          | JP 2001268421 A  | 28-09-2001   |
| EP 1182862                                | A  | 27-02-2002          | JP 2002059591 A<br>EP 1182862 A2<br>US 2002051207 A1                   | 26-02-2002<br>27-02-2002<br>02-05-2002               |
| US 2002101619                             | A1 | 01-08-2002          | JP 2002232761 A<br>JP 2002271723 A                                     | 16-08-2002<br>20-09-2002                             |
| EP 1087307                                | A  | 28-03-2001          | JP 2001075846 A<br>JP 2002044592 A<br>JP 2002044598 A<br>EP 1087307 A2 | 23-03-2001<br>08-02-2002<br>08-02-2002<br>28-03-2001 |
| FR 2831694                                | A  | 02-05-2003          | FR 2831694 A1  | 02-05-2003   |